



National Aeronautics
and Space Administration

FEBRUARY 28, 1996
NRA 96-OSS-05

RESEARCH ANNOUNCEMENT

RESEARCH IN PLANETARY ASTRONOMY AND PLANETARY ATMOSPHERES

PROPOSALS DUE: MAY 28, 1996

97-007346/VB

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**Research in Planetary Astronomy
and
Planetary Atmospheres**

**NASA Research Announcement
Soliciting
Proposals for Basic Research
For the Period Ending
May 28, 1996**

**NRA 96-OSS-05
Issued: February 28, 1996**

**Office of Space Science
National Aeronautics and Space Administration
Washington, DC 20546-0001**

Planetary Astronomy and Planetary Atmospheres Programs

This NASA Research Announcement (NRA) solicits basic research proposals for the Planetary Astronomy and Planetary Atmospheres Programs. It replaces the announcements for these programs issued in previous years.

Participation in these programs is open to all categories of organizations, both domestic and foreign: industry, educational institutions, other nonprofit organizations, NASA centers, and other Government agencies. Proposals should be submitted to LPI at the address shown below at on or before May 28, 1996. Proposals received by the May 28, 1996 deadline will be evaluated by scientific peer reviews during July/August 1996. Grants or contracts, as appropriate, will be awarded during Federal Fiscal Year 1997 (i.e., after October 1, 1996), pending availability of funds, to projects selected for funding.

Further details relevant to this program are included in the appendices to this Announcement. In response to the increased awareness of ecological issues on the parts of both NASA and the scientific community, NASA will conserve paper and reduce waste by making available the complete text of the NRA and appendices through the World Wide Web *after the release date of February 28*. The Internet URL address is:

http://www.hq.nasa.gov/office/solar_system/

Paper copies of the NRA and appendices will be available from the NASA Headquarters Discipline Scientists shown below only if the prospective proposer's institution lacks access to the World Wide Web.

Appendix A provides technical and programmatic information, describes significant changes since last year, and provides amendatory guidance to Appendix B, applicable only to this NRA. Appendix B contains the general "Instructions for Responding to NASA Research Announcements." Appendix C contains a model format for the first pages of proposals submitted to the Planetary Astronomy and Planetary Atmospheres Programs. Appendix D describes procedures for responding to the Planetary Instrument Upgrade Program (PIUP) in the Solar System Exploration Division.

The following items apply only to this Announcement.

Identifier: NRA 96-OSS-05

Submit **PLANETARY**

ASTRONOMY Proposals to:

Planetary Astronomy Review Panel
Lunar and Planetary Institute (LPI)
3600 Bay Area Boulevard
Houston, TX 77058
(713) 486-2166
FAX (713) 486-2160

Copies required: Signed original plus 20 copies

Obtain additional
information from:

Dr. Edwin Barker
Planetary Astronomy Program
Solar System Exploration Division
Code SLC
Office of Space Science
NASA Headquarters
Washington, DC 20546-0001
(202) 358-0289
E-mail: ebarker@hq.nasa.gov

Submit **PLANETARY**

ATMOSPHERES proposals to:

Planetary Atmospheres Review Panel
Lunar and Planetary Institute (LPI)
3600 Bay Area Boulevard
Houston, TX 77058
(713) 486-2166
FAX (713) 486-2160

Copies required:

Signed original plus 20 copies

Obtain additional
information from:

Dr. Jay T. Bergstralh
Planetary Atmospheres Program
Solar System Exploration Division
Code SLC
Office of Space Science
NASA Headquarters
Washington, DC 20546-0001
(202) 358-0313
E-mail: bergstralh@hq.nasa.gov

Selecting official:

Director, Solar System Exploration Division
Office of Space Science

Your interest and cooperation in participating in this effort are appreciated.



Wesley T. Huntress, Jr.
Associate Administrator
for Space Science

**Research in Planetary Astronomy
and
Planetary Atmospheres**

NRA 96-OSS-05

- Appendix A: Description of Programs**
- Appendix B: Guidelines for Proposal Preparation**
- Appendix C: Blank Forms (Sample Format)**
- Appendix D: Planetary Instrument Upgrade Program**
- Attachments: Certification Forms: Debarment & Suspension, Drug-Free Workplace, Lobbying**

NASA Research Announcement (NRA)/Announcement of Opportunity (AO) Mailing List Update

If your current address is NOT up-to-date, please fill out this form completely.

This is the update form for the NASA Office of Space Sciences (OSS) NRA/AO mailing list. Please fill out CONTACT INFORMATION completely. Check only those that apply in Institution Type and Discipline. Fold the form, secure with tape, and mail it back to the address on the reverse side. Proper postage must be applied.

MUST CHECK ONE

Please check which announcements you would like to receive:

- ☐ 1. NASA Research Announcements (basic, non-flight, on-going research)
- ☐ 2. Announcements of Opportunity (specific space flight mission)

Must check one, please include code number from mailing label:

- ☐ 1. Please add my name to the mailing list.
- ☐ 2. Please remove my name from the mailing list (please attach mailing label)
- ☐ 3. Please update my current listing.

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If your address has changed or your mailing label is incorrect, please provide COMPLETE contact information.

Code Number: (obtain from mailing label)	<input type="text"/>	Salutation: (Mr., Mrs., Ms., Dr., Prof., etc.)	<input type="text"/>	Suffix (Ret., PhD., Jr., III, etc.)	<input type="text"/>
First Name:	<input type="text"/>	Mi:	<input type="text"/>	Last Name:	<input type="text"/>
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Telephone No:	<input type="text"/>	Fax No:	<input type="text"/>		
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(check only those that apply)

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| <input type="checkbox"/> 1. College or University | <input type="checkbox"/> 4. Minority Business | <input type="checkbox"/> 7. Other Government Agency |
| <input type="checkbox"/> 2. Minority College or University | <input type="checkbox"/> 5. NASA HQs/Center | <input type="checkbox"/> 8. Private Industry |
| <input type="checkbox"/> 3. Foreign Addressee | <input type="checkbox"/> 6. Nonprofit Corporation | <input type="checkbox"/> 9. Small Business |

Societies:

- ☐ A. American Astronomical Society ☐ B. American Geophysical Union ☐ C. Others

Discipline:

(check only those that apply)

(MUST CHECK AT LEAST ONE)

1. Astronomy and Astrophysics

- ☐ A. Theory and Modeling
- ☐ B. Instrumentation (Technology Dev)
- ☐ C. Laboratory Astrophysics
- ☐ D. Data Analysis (Archival)
- ☐ E. Observational Programs

2. Solar System Exploration

- ☐ A. Planetary Atmospheres and Astronomy
- ☐ B. Planetary Materials and Geochemistry
- ☐ C. Planetary Geology and Geophysics
- ☐ D. Instrument Development
- ☐ E. Origins of Solar Systems
- ☐ F. Exobiology

3. Space Physics

- ☐ A. Cosmic and Heliosphere Physics
- ☐ B. Solar Physics
- ☐ C. Magnetospheric Physics
- ☐ D. Ion-Thermo-Mesospheric Physics

4. Information Systems/Computer Science

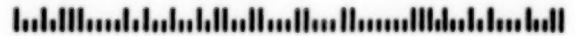
- ☐ A. High Performance Computing and Networking
- ☐ B. Scientific Data Analysis and Visualization
- ☐ C. Science Data Storage and Management
- ☐ D. Software Technology

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WASHINGTON, DC 20546-0001**



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END

02-03-97